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**IN THE UNITED STATES PATENT AND TRADEMARK**



Applicant:	ALLEN	Examiner:	Unassigned
U.S.S.N.:	09.903,395	Group Art Unit:	1645
Filed:	July 10, 2001	Docket:	R-653
For:	TRANSGENIC MICE CONTAINING MELANOCORTIN-3 RECEPTOR GENE DISRUPTIONS		

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Attached is a Form PTO-1449 listing each of the enclosed documents.

This Information Disclosure Statement ("IDS") is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice to that effect is respectfully requested, along with additional time under Rule 97(f), to enable Applicant to fully comply.

Should a first Office Action on the merits have been issued on the same day or before this IDS is filed, please accept this IDS under Rule 97(c) and charge the requisite fee under Rule 17(p) to our Deposit Account No. 50-1271, Order No. R-653 and proceed to consider this Information Disclosure Statement.

Consideration of the foregoing and enclosures, the return of a copy of the enclosed Form PTO-1449 with the Examiner's initials in the left column, and an action on the merits of this application are respectfully requested.

Respectfully submitted,  
DELTAGEN, INC.

NOV 28 2001

11/28/01 11:47:31

<b>CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)</b>			Docket No. <b>R-653</b>
Applicant(s): <b>ALLEN</b>			
Serial No. <b>09/903.395</b>	Filing Date <b>07/10/01</b>	Examiner <b>UNASSIGNED</b>	Group Art Unit <b>1645</b>

Invention: **TRANSGENIC MICE CONTAINING MELANOCORTIN-3 RECEPTOR GENE DISRUPTIONS**



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I hereby certify that this **INFORMATION DISCLOSURE STATEMENT**

*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Commissioner of Patents and Trademarks, Washington, D.C.

~~20231-0001~~ on **NOVEMBER 21, 2001**  
*(Date)*

**JOYCE VOGEL**

*(Typed or Printed Name of Person Mailing Correspondence)*

*(Signature of Person Mailing Correspondence)*

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<b>INFORMATION DISCLOSURE CITATION</b> PTO-1449				Atty Docket: <b>R-653</b>		Serial No.: <b>09/03,395</b>	
<b>TRANSGENIC MICE CONTAINING MELANOCORTIN-3 RECEPTOR GENE DISRUPTIONS</b>				Applicant: <b>ALLEN</b>		Group Art Unit: <b>1645</b>	
				Filing Date: <b>July 10, 2001</b>			
Date: <b>November</b> __, 2001							
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
	5,908,609	06/01/99	Lee et al.	424/9.2	435/6	06/10/96	
	5,932,779	08/03/99	Lee et al.	800/2	435/172.3	01/08/97	
<b>FOREIGN PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
	Butler, A.A. et al., <u>Endocrinol.</u> , 141(9):3518-3521 (2000), "A Unique Metabolic Syndrome Causes Obesity in the Melanocortin-3 Receptor-Deficient Mouse"						
	Cannon, J. G. et al., <u>J. Immunol.</u> , 137(7):2232-2236 (1986), "α Melanocyte Stimulating Hormone Inhibits Immunostimulatory and Inflammatory Actions of Interleukin 1"						
	Chen, A. S. et al., <u>Nature Genetics</u> , 26:97-102 (2000), "Inactivation of the mouse melanocortin-3 receptor results in increased fat mass and reduced lean body mass"						
	Cummings, D. E. et al., <u>Nature Genetics</u> , 26:8-9 (2000), "Melanocortins and body weight: a tale of two receptors"						
	Desarnaud, F. et al., <u>Biochem. J.</u> , 299:367-373 (1994), "Molecular cloning, functional expression and pharmacological characterization of a mouse melanocortin receptor gene"						
	De wied, D. et al., <u>Physiol. Rev.</u> , 62(3):977-1059 (1982), "Neuropeptides Derived From Pro-Opiocortin: Behavioral, Physiological, and Neurochemical Effects"						

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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PLATE 10. UNUSUAL KITE

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